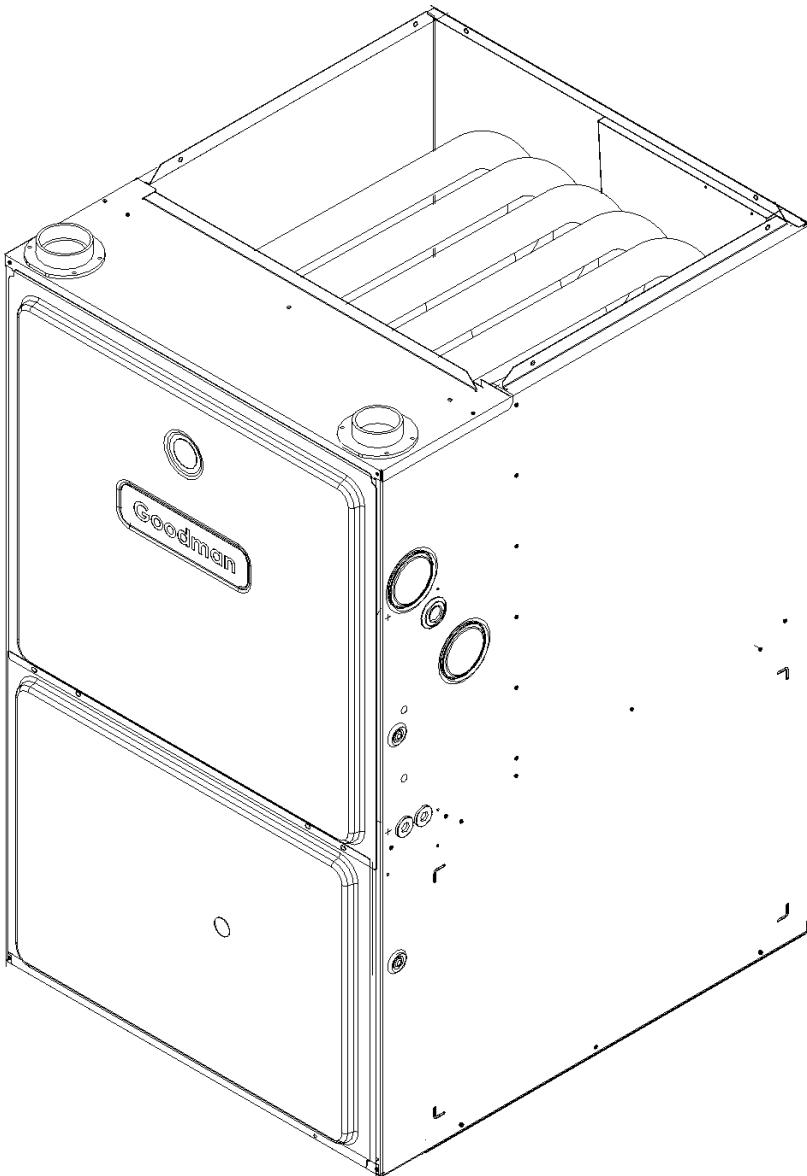


GKS9 Single Stage PSC Upflow Furnace

GKS90453BXAA
GKS90453BXAB
GKS90453BXAC
GKS90703BXAA
GKS90703BXAB
GKS90703BXAC
GKS90703BXAD
GKS90703BXAE
GKS90704CXAA
GKS90704CXAB
GKS90704CXAC
GKS90904CXAA
GKS90904CXAB
GKS90904CXAC
GKS90904CXAD
GKS90904CXAE
GKS90905DXAA
GKS90905DXAB
GKS90905DXAC
GKS91155DXAA
GKS91155DXAB
GKS91155DXAC
GKS91155DXAD



This manual is to be used by qualified technicians only.

This manual replaces RP-410E.

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Important Information

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Views shown are for parts illustrations only, not servicing procedures.

Rev. F: Added model GKS90703BXAE and ACCESS DOOR GASKET (121).

Text Codes:

AR - As Required

NA - Not Available

NS - Not Shown

00000000 - See Note

QTY - Quantity Example (QTY 3) (If Quantity not shown, Quantity = 1)

M - Model Example (M1) (If M Code not shown, then part is used on all Models)

Expanded Model Nomenclature:

Example
M1 - Model#1
M2 - Model#2
M3 - Model#3

Goodman Manufacturing Company, L.P. is not responsible for personal injury or property damage resulting from improper service. Review all service information before beginning repairs.

Warranty service must be performed by an authorized technician, using authorized factory parts. If service is required after the warranty expires, Goodman Manufacturing Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

For assistance within the U.S.A. contact:
Consumer Affairs Department
Goodman Manufacturing Company, L.P.
7401 Security Way
Houston, Texas 77040
877-254-4729-Telephone
713-863-2382-Facsimile

For assistance outside the U.S.A. contact:
International Division
Goodman Manufacturing Company, L.P.
7401 Security Way
Houston, Texas 77040
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

Part No:	Description:	Expanded Model Nomenclature
B1340024S	BLOWER MOTOR 1/2 HP, 4 SP, 6 PL (M9, M10, M11, M12, M13, M14, M15, M16)	M1 - GKS90453BXAA M2 - GKS90453BXAB M3 - GKS90453BXAC
0131F00020	BLOWER MOTOR 1/3 HP, 4 SP, 6 PL (M1, M2, M3, M4, M5, M6, M7, M8)	M4 - GKS90703BXAA M5 - GKS90703BXAB
10759415S	BLOWER MOTOR 3/4 HP, 4 SP, 8 PL (M17, M18, M19, M20, M21, M22, M23)	M6 - GKS90703BXAC M7 - GKS90703BXAD
CAP125000370VAS	CAPACITOR 12.5/370V (M1, M2, M3, M4, M5, M6, M7, M8)	M8 - GKS90703BXAE
CAP150000370VAS	CAPACITOR 15/370V (M17, M18, M19, M20, M21, M22, M23)	M9 - GKS90704CXAA M10 - GKS90704CXAB
CAP200000370VAS	CAPACITOR 20/370V (M9, M10, M11, M12, M13, M14, M15, M16)	M11 - GKS90704CXAC
0130F00010	FLAME SENSOR	M12 - GKS90904CXAA
0130F00005S	IGNITION BOARD, HSI INTEGRATED	M13 - GKS90904CXAB
20165703S	IGNITOR	M14 - GKS90904CXAC
B1370818	INTERLOCK SWITCH	M15 - GKS90904CXAD
10123535	MANUAL RESET LIMIT (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19)	M16 - GKS90904CXAE M17 - GKS90905DXAA
10123533	MANUAL RESET LIMIT	M18 - GKS90905DXAB
20197312	PRESSURE SWITCH-LIGHT BLUE (M1, M9, M17)	M19 - GKS90905DXAC
0130F00002P	PRESSURE SWITCH-OLIVE (M16)	M20 - GKS91155DXAA
20197310	PRESSURE SWITCH-ORANGE (M12, M20)	M21 - GKS91155DXAB
0130F00004	PRESSURE SWITCH-RED (M4, M18, M19)	M22 - GKS91155DXAC
0130F00001P	PRESSURE SWITCH-SUNGOLD (M2, M3, M5, M6, M7, M8, M10, M11, M13, M14, M15, M21, M22, M23)	M23 - GKS91155DXAD
20162903	PRIMARY LIMIT-BLUE (M4, M5, M6, M7, M8, M9, M10, M11, M17, M18, M19)	
20162904	PRIMARY LIMIT-TEMPERATURE CONTROL (M1, M2, M3, M12, M13, M14, M15, M16)	
20162906	PRIMARY LIMIT-WHITE (M20, M21, M22, M23)	
B1141605	TRANSFORMER 120V TO 24V, 40 VA	

SPECIAL PARTS

IO-300E	INSTALLATION INSTRUCTIONS
IO-669	KIT INSTRUCTIONS-HUMIDIFIER
0161F00000P	NAMEPLATE, GOODMAN
RP-410F	REPAIR PARTS MANUAL
IO-661	SPECIAL INSTRUCTIONS-MASSACHUSETTS
0270F00399	STANDPIPE BAG ASSY
HI-115A	USERS MANUAL

Cabinet

Image 1

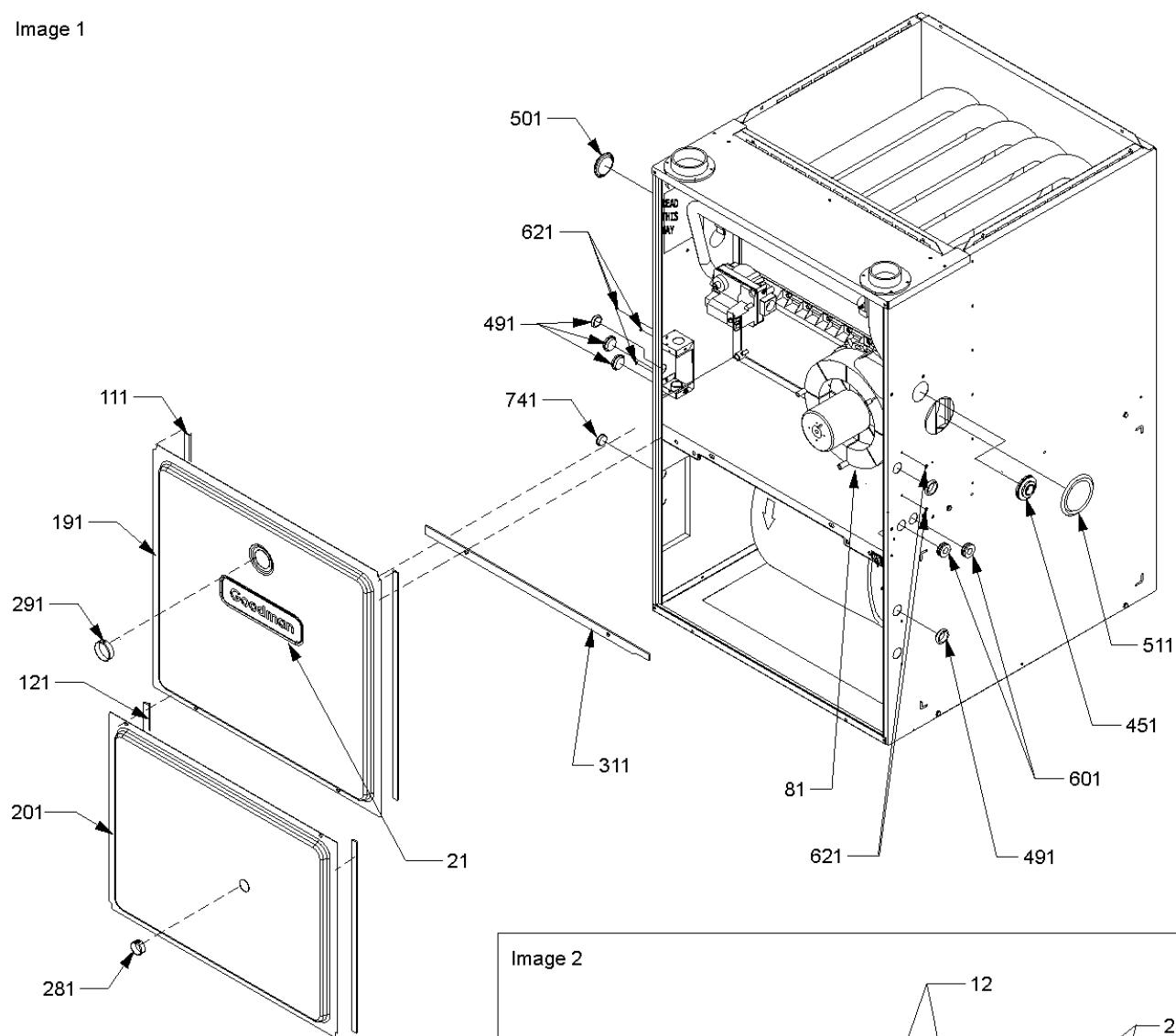
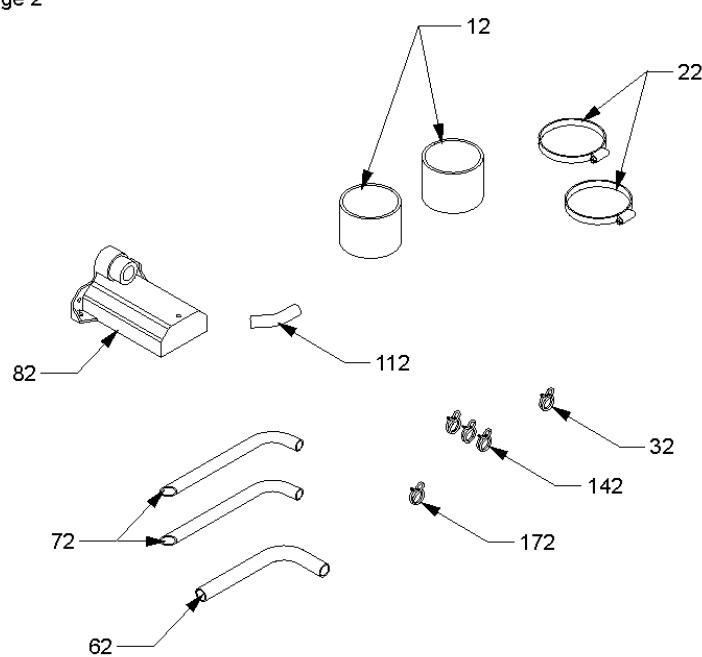


Image 2



Cabinet

Ref. Part No:	Part No:	Description:	Ref. Part No:	Part No:	Description:
<i>Image 1:</i>					
21	0161F00000P	NAMEPLATE, GOODMAN			Expanded Model Nomenclature
81	20201902	DRAIN HOSE			M1 - GKS90453BXAA
111	20179308	GASKET (QTY 2)			M2 - GKS90453BXAB
121	20194605	GASKET (M1, M2, M3, M4, M5, M6, M7, M8)			M3 - GKS90453BXAC
121	20194606	GASKET (M9, M10, M11, M12, M13, M14, M15, M16)			M4 - GKS90703BXAA
121	20194607	GASKET (M17, M18, M19, M20, M21, M22, M23)			M5 - GKS90703BXAB
191	0121F00072DGS	ACCESS DOOR (M1, M2, M3, M4, M5, M6, M7, M8)			M6 - GKS90703BXAC
191	0121F00073DGS	ACCESS DOOR (M9, M10, M11, M12, M13, M14, M15, M16)			M7 - GKS90703BXAD
191	0121F00074DGS	ACCESS DOOR (M17, M18, M19, M20, M21, M22, M23)			M8 - GKS90703BXAE
201	0121F00069DGS	BLOWER DOOR (M1, M2, M3, M4, M5, M6, M7, M8)			M9 - GKS90704CXAA
201	0121F00070DG	BLOWER DOOR (M9, M10, M11, M12, M13, M14, M15, M16)			M10 - GKS90704CXAB
201	0121F00071DG	BLOWER DOOR (M17, M18, M19, M20, M21, M22, M23)			M11 - GKS90704CXAC
281	B1392139	VIEW PORT BUSHING-BLOWER DOOR			M12 - GKS90904CXAA
291	11104002	VIEW PORT BUSHING-ACCESS DOOR (M1, M2, M4, M5, M9, M10, M12, M13, M17, M18, M20, M21)			M13 - GKS90904CXAB
291	B1392139	VIEW PORT BUSHING-ACCESS DOOR (M3, M6, M7, M8, M11, M14, M15, M16, M19, M22, M23)			M14 - GKS90904CXAC
311	22320001	DECK GASKET (M1, M2, M3, M4, M5, M6, M7, M8)			M15 - GKS90904CXAD
311	22320002	DECK GASKET (M9, M10, M11, M12, M13, M14, M15, M16)			M16 - GKS90904CXAE
311	22320003	DECK GASKET (M17, M18, M19, M20, M21, M22, M23)			M17 - GKS90905DXAA
451	M0501301	PIPE GROMMET			M18 - GKS90905DXAB
491	M0570808	BUTTON PLUG (QTY 4)			M19 - GKS90905DXAC
501	M0570806	PLUG-BUTTON			M20 - GKS91155DXAA
511	M0570807	BUTTON PLUG			M21 - GKS91155DXAB
601	A4691701	GROMMET (QTY 2)			M22 - GKS91155DXAC
621	M0310345	BUTTON PLUG (QTY 2)			M23 - GKS91155DXAD
741	B1392104	UNIVERSAL BUSHING UB 875 (QTY AR)			
NS	0270F00399	STANDPIPE BAG ASSY			
NS	0159F00003	WIRING HARNESS			
<i>Image 2:</i>					
12	10254303	RUBBER COUPLING			
22	0163M00049	HOSE CLAMP (QTY 2)			
32	M0119207	HOSE CLAMP			
62	20201901	DRAIN HOSE			
72	20201802	DRAIN TUBE (QTY 2)			
82	20171701	DRAIN TRAP			
112	20214203	DRAIN ANGLE			
142	M0119205	HOSE CLAMP (QTY 3)			
172	M0119206	HOSE CLAMP			

Blower Assembly

Image 1

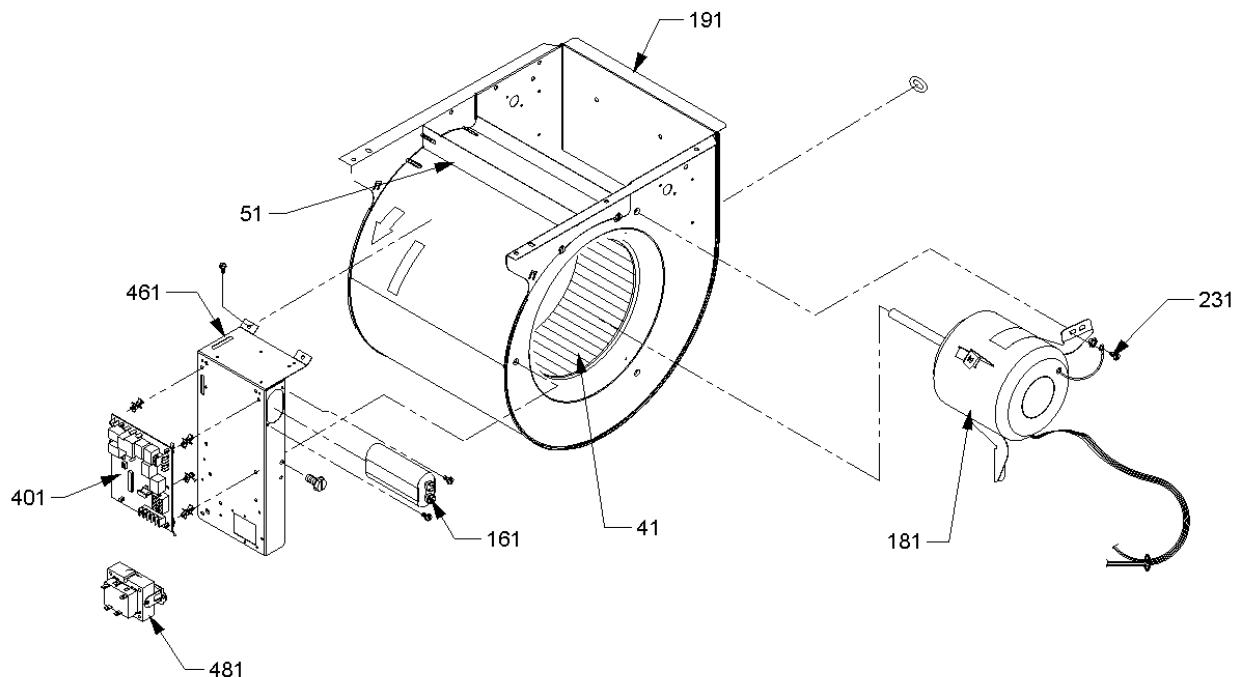
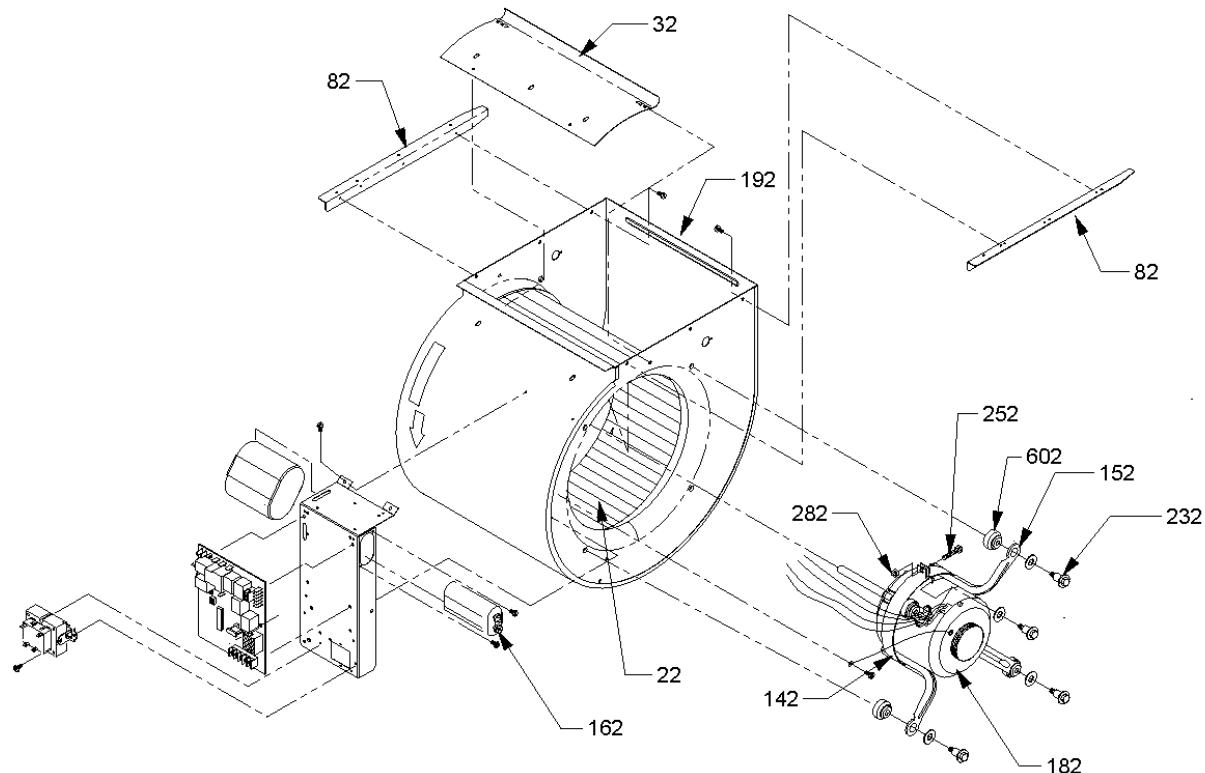


Image 2



Blower Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
41	B1368047A	BLOWER WHEEL 10 X 10 (M9, M10, M11, M12, M13, M14, M15, M16)	M1 - GKS90453BXAA
41	B1368058S	BLOWER WHEEL 10 X 8 (M1, M2, M3, M4, M5, M6, M7, M8)	M2 - GKS90453BXAB
51	764741F	BLOWER BLOCK-OFF 10 X 10 (M9, M10, M11, M12, M13, M14, M15, M16)	M3 - GKS90453BXAC
51	764740F	BLOWER BLOCK-OFF 10 X 8 (M1, M2, M3, M4, M5, M6, M7, M8)	M4 - GKS90703BXAA
161	CAP125000370VAS	CAPACITOR 12.5/370V (M1, M2, M3, M4, M5, M6, M7, M8)	M5 - GKS90703BXAB
161	CAP200000370VAS	CAPACITOR 20/370V (M9, M10, M11, M12, M13, M14, M15, M16)	M6 - GKS90703BXAC
181	B1340024S	BLOWER MOTOR 1/2 HP, 4 SP, 6 PL (M9, M10, M11, M12, M13, M14, M15, M16)	M7 - GKS90703BXAD
181	0131F00020	BLOWER MOTOR 1/3 HP, 4 SP, 6 PL (M1, M2, M3, M4, M5, M6, M7, M8)	M8 - GKS90703BXAE
191	0271F00003PS	BLOWER HOUSING ASSY 10 X 10 (M9, M10, M11, M12, M13, M14, M15, M16)	M9 - GKS90704CXAA
191	0271F00000P	BLOWER HOUSING ASSY 10 X 8 (M1, M2, M3, M4, M5, M6, M7, M8)	M10 - GKS90704CXAB
231	M0250558	TC SCREW (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)	M11 - GKS90704CXAC
401	0130F00005S	IGNITION BOARD, HSI INTEGRATED	M12 - GKS90904CXAA
461	0121F00025P	CONTROL BRACKET	M13 - GKS90904CXAB
481	B1141605	TRANSFORMER 120V TO 24V, 40 VA	M14 - GKS90904CXAC
<i>Image 2:</i>			
22	D6723311S	BLOWER WHEEL (M17, M18, M19, M20, M21, M22, M23)	M15 - GKS90904CXAD
32	C6121807	BLOWER CUT-OFF (M17, M18, M19, M20, M21, M22, M23)	M16 - GKS90905DXAA
82	20175101	BLOWER SIDE RAIL (M17, M18, M19, M20, M21, M22, M23)	M17 - GKS90905DXAB
142	10441601	MOTOR MOUNT BAND (M17, M18, M19, M20, M21, M22, M23)	M18 - GKS90905DXAC
152	10441501	MOTOR MOUNT ARM (M17, M18, M19, M20, M21, M22, M23)	M19 - GKS90905DXAD
162	CAP150000370VAS	CAPACITOR 15/370V (M17, M18, M19, M20, M21, M22, M23)	M20 - GKS91155DXAA
182	10759415S	BLOWER MOTOR 3/4 HP, 4 SP, 8 PL (M17, M18, M19, M20, M21, M22, M23)	M21 - GKS91155DXAB
192	0271F00048	BLOWER HOUSING ASSY 11 X 10 (M17, M18, M19, M20, M21, M22, M23)	M22 - GKS91155DXAC
232	M0221461	TC SCREW (M17, M18, M19, M20, M21, M22, M23)	M23 - GKS91155DXAD
252	M0267144	MACHINE SCREW (M17, M18, M19, M20, M21, M22, M23)	
282	M0282015	KEPS NUT (M17, M18, M19, M20, M21, M22, M23)	
602	A4002702	BLOWER MOTOR GROMMET (M17, M18, M19, M20, M21, M22, M23)	

Chassis

Image 1

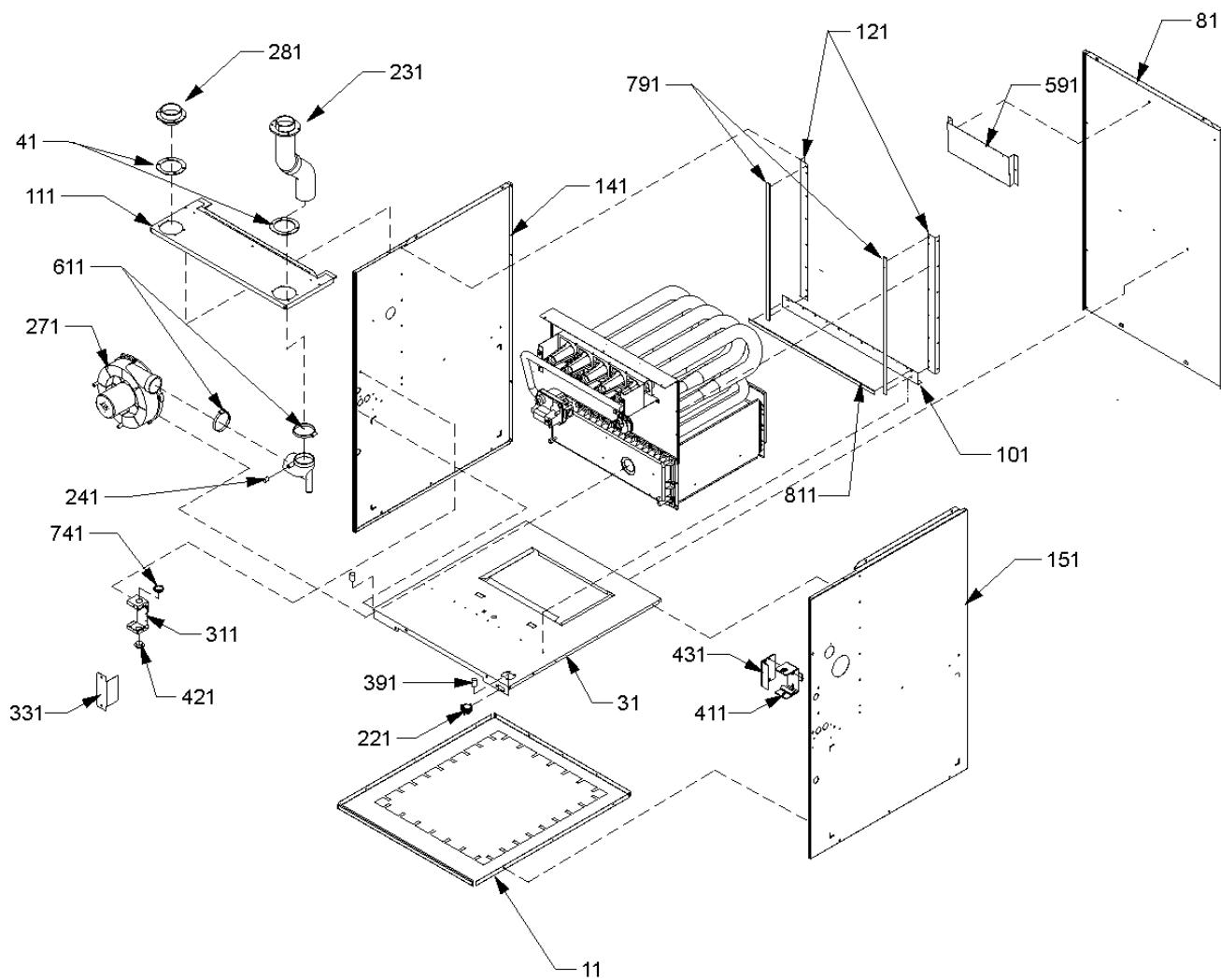
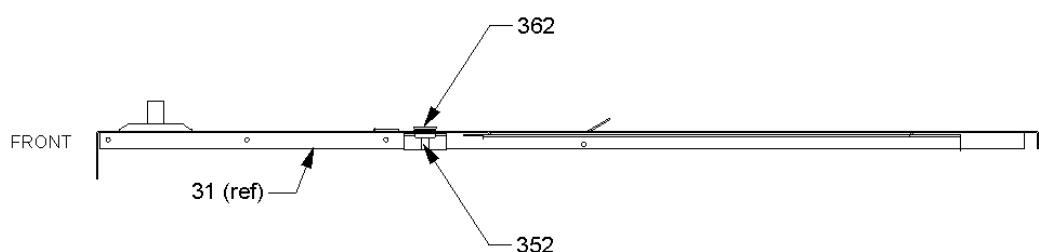


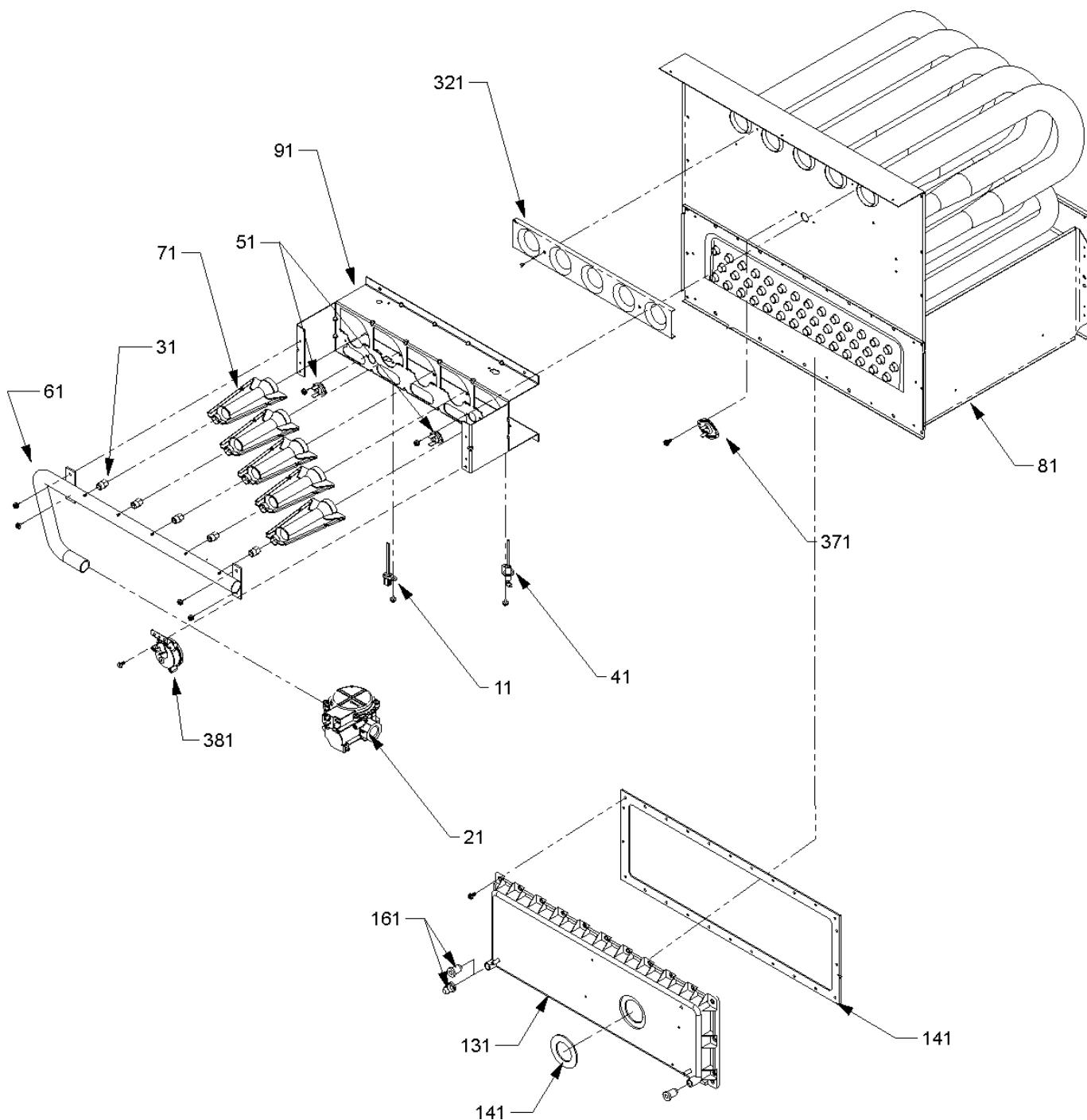
Image 2



Chassis

Ref. Part No:	Part No:	Description:	Ref. Part No:	Part No:	Description:
<i>Image 1:</i>					
11	0121F00050DGS	BASE PAN (M1, M2, M3, M4, M5, M6, M7, M8)	611	0163M00049	HOSE CLAMP (QTY 2)
11	0121F00051DG	BASE PAN (M9, M10, M11, M12, M13, M14, M15, M16)	741	B1392104	UNIVERSAL BUSHING UB 875 (QTY 2)
11	0121F00052DG	BASE PAN (M17, M18, M19, M20, M21, M22, M23)	791	20194608	GASKET (QTY 2)
31	0121F00043	BLOWER DECK (M1, M2, M3, M4, M5, M6, M7, M8)	811	20194605	GASKET (M1, M2, M3, M4, M5, M6, M7, M8)
31	0121F00045	BLOWER DECK (M9, M10, M11, M12, M13, M14, M15, M16)	811	20194606	GASKET (M9, M10, M11, M12, M13, M14, M15, M16)
31	0121F00048	BLOWER DECK (M17, M18, M19, M20, M21, M22, M23)	811	20194607	GASKET (M17, M18, M19, M20, M21, M22, M23)
41	0154F00000P	COIL GASKET (M1, M2, M3, M4, M5, M6, M7, M8)	NS	C6415909	HEAT EXCHANGER INSULATION (M17, M18, M19, M20, M21, M22, M23)
41	0154F00001P	COIL GASKET (M9, M10, M11, M12, M13, M14, M15, M16)	NS	C6415910	HEAT EXCHANGER INSULATION (M1, M2, M3, M4, M5, M6, M7, M8)
41	0154F00002P	COIL GASKET (M17, M18, M19, M20, M21, M22, M23)	NS	C6415911	HEAT EXCHANGER INSULATION (M9, M10, M11, M12, M13, M14, M15, M16)
81	20273208	BACK PANEL (M1, M2, M3, M4, M5, M6, M7, M8)	NS	0164M00002	PRESSURE SWITCH HOSE
81	20273210	BACK PANEL (M9, M10, M11, M12, M13, M14, M15, M16)	<i>Image 2:</i>		
81	20273212	BACK PANEL (M17, M18, M19, M20, M21, M22, M23)	352	10861101	AUXILIARY LIMIT BRACKET
101	0121F00018P	DECK RAIL (M1, M2, M3, M4, M5, M6, M7, M8)	362	10123519	AUXILIARY LIMIT (M20, M21, M22, M23)
101	0121F00019P	DECK RAIL (M9, M10, M11, M12, M13, M14, M15, M16)	362	10123535	MANUAL RESET LIMIT (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19)
101	20191303	DECK RAIL (M17, M18, M19, M20, M21, M22, M23)	Expanded Model Nomenclature		
111	0270F00001PS	TOP COVER ASSY (M9, M10, M11, M12, M13, M14, M15, M16)	M1 - GKS90453BXAA M2 - GKS90453BXAB M3 - GKS90453BXAC M4 - GKS90703BXAA M5 - GKS90703BXAB M6 - GKS90703BXAC M7 - GKS90703BXAD M8 - GKS90703BXAE M9 - GKS90704CXAA M10 - GKS90704CXAB M11 - GKS90704CXAC M12 - GKS90904CXAA M13 - GKS90904CXAB M14 - GKS90904CXAC M15 - GKS90904CXAD M16 - GKS90904CXAE M17 - GKS90905DXAA M18 - GKS90905DXAB M19 - GKS90905DXAC M20 - GKS91155DXAA M21 - GKS91155DXAB M22 - GKS91155DXAC M23 - GKS91155DXAD		
111	0270F00002PS	TOP COVER ASSY (M17, M18, M19, M20, M21, M22, M23)			
111	0270F00100PS	TOP COVER ASSY (M1, M2, M3, M4, M5, M6, M7, M8)			
121	20191602	SIDE RAIL (M1, M2, M3, M4, M5, M6, M7, M8)			
121	20191603	SIDE RAIL (M9, M10, M11, M12, M13, M14, M15, M16)			
121	20191604	SIDE RAIL (M17, M18, M19, M20, M21, M22, M23)			
141	0121F00092DGS	SIDE PANEL LH			
151	0121F00090DGS	SIDE PANEL RH			
221	B1370818	INTERLOCK SWITCH			
231	22309501	FLUE PIPE			
241	20171802	ELBOW			
271	22307501S	ID BLOWER			
281	20049701	FA COUPLING			
311	10736102	HIGH VOLTAGE BOX (M1, M2, M4, M5, M9, M10, M12, M13, M17, M18, M20, M21)			
331	10736201	COVER, HIGH VOLTAGE BOX (M1, M2, M4, M5, M9, M10, M12, M13, M17, M18, M20, M21)			
391	M0275521	PLASTIC SEALER (M20, M21, M22, M23)			
411	0161F00004	JUNCTION BOX-PLA (M3, M6, M7, M8, M11, M14, M15, M16, M19, M22, M23)			
421	A4554801	SNAP BUSHING (M1, M2, M4, M5, M9, M10, M12, M13, M17, M18, M20, M21)			
431	0161F00005	JUNCTION BOX-LID (M3, M6, M7, M8, M11, M14, M15, M16, M19, M22, M23)			
591	11165107	ID BLOWER SHIELD			

Heat Exchanger/Manifold/Gas Valve



Heat Exchanger/Manifold/Gas Valve

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>		<i>Image 1:</i>	
11 20165703S	IGNITOR	321 11072203	ORIFICE SHIELD (M12, M13, M14, M15, M16, M17, M18, M19)
21 B1282628	GAS VALVE (36G)	321 11072204	ORIFICE SHIELD (M20, M21, M22, M23)
31 10716003	ORIFICE (QTY 2)	371 20162903	PRIMARY LIMIT-BLUE (M4, M5, M6, M7, M8, M9, M10, M11, M17, M18, M19)
41 0130F00010	FLAME SENSOR	371 20162904	PRIMARY LIMIT-TEMPERATURE CONTROL (M1, M2, M3, M12, M13, M14, M15, M16)
51 10123533	MANUAL RESET LIMIT	371 20162906	PRIMARY LIMIT-WHITE (M20, M21, M22, M23)
61 20196401	MANIFOLD - 2 BRNR (M1, M2, M3)	381 20197312	PRESSURE SWITCH-LIGHT BLUE (M1, M9, M17)
61 20196402	MANIFOLD - 3 BRNR (M4, M5, M6, M7, M8, M9, M10, M11)	381 0130F00002P	PRESSURE SWITCH-OLIVE (M16)
61 20196403	MANIFOLD - 4 BRNR (M12, M13, M14, M15, M16, M17, M18, M19)	381 20197310	PRESSURE SWITCH-ORANGE (M12, M20)
61 20196404	MANIFOLD - 5 BRNR (M20, M21, M22, M23)	381 0130F00004	PRESSURE SWITCH-RED (M4, M18, M19)
71 10735102S	BECKETT BURNER (QTY 2)	381 0130F00001P	PRESSURE SWITCH-SUNGOLD (M2, M3, M5, M6, M7, M8, M10, M11, M13, M14, M15, M21, M22, M23)
81 0257F00038P	HEAT EXCHANGER ASSY 2B (M1)	Expanded Model Nomenclature	
81 0257F00148	HEAT EXCHANGER ASSY 2B (M3)	M1 - GKS90453BXAA	
81 0257F00040P	HEAT EXCHANGER ASSY 3B (M9)	M2 - GKS90453BXAB	
81 0257F00150	HEAT EXCHANGER ASSY 3B (M11)	M3 - GKS90453BXAC	
81 0257F00172S	HEAT EXCHANGER ASSY 3B (M4, M6, M7)	M4 - GKS90703BXAA	
81 0257F00181	HEAT EXCHANGER ASSY 3B (M8)	M5 - GKS90703BXAB	
81 0257F00152	HEAT EXCHANGER ASSY 4B (M19)	M6 - GKS90703BXAC	
81 0257F00173S	HEAT EXCHANGER ASSY 4B (M12, M14, M15, M16)	M7 - GKS90703BXAD	
81 20418617	HEAT EXCHANGER ASSY 4B (M17)	M8 - GKS90703BXAE	
81 0257F00174S	HEAT EXCHANGER ASSY 5B (M2, M5, M10, M13, M18, M20, M21, M22, M23)	M9 - GKS90704CXAA	
91 20190410	BURNER BRACKET 2B (M1, M2, M3)	M10 - GKS90704CXAB	
91 20190411	BURNER BRACKET 3B (M4, M5, M6, M7, M8, M9, M10, M11)	M11 - GKS90704CXAC	
91 20190412	BURNER BRACKET 4B (M12, M13, M14, M15, M16, M17, M18, M19)	M12 - GKS90904CXAA	
91 20190413	BURNER BRACKET 5B (M20, M21, M22, M23)	M13 - GKS90904CXAB	
131 20170801AS	FRONT COVER (M1)	M14 - GKS90904CXAC	
131 20170802AS	FRONT COVER (M4, M8)	M15 - GKS90904CXAD	
131 20170807AS	FRONT COVER (M2, M3)	M16 - GKS90904CXAE	
131 20170808AS	FRONT COVER (M5, M6, M7)	M17 - GKS90905DXAA	
131 20170901AS	FRONT COVER (M9, M10, M11)	M18 - GKS90905DXAB	
131 20170902AS	FRONT COVER (M12)	M19 - GKS90905DXAC	
131 20170904AS	FRONT COVER (M13, M14, M15, M16)	M20 - GKS91155DXAA	
131 20171001AS	FRONT COVER (M17, M18, M19)	M21 - GKS91155DXAB	
131 20171002AS	FRONT COVER (M20, M21, M22, M23)	M22 - GKS91155DXAC	
141 0154F00000P	COIL GASKET (M1, M2, M3, M4, M5, M6, M7, M8)	M23 - GKS91155DXAD	
141 0154F00001P	COIL GASKET (M9, M10, M11, M12, M13, M14, M15, M16)		
141 0154F00002P	COIL GASKET (M17, M18, M19, M20, M21, M22, M23)		
161 M0326804	TUBE PLUG (QTY AR)		
321 11072201	ORIFICE SHIELD (M1, M2, M3)		
321 11072202	ORIFICE SHIELD (M4, M5, M6, M7, M8, M9, M10, M11)		

